

## ABSTRACT

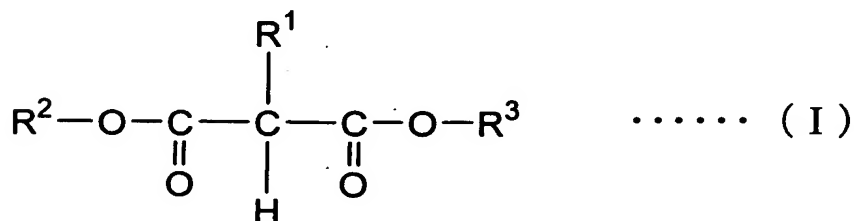
A solid catalyst component for olefin polymerization obtained by reacting the following compounds (i), (ii) and  
 5 (iv); or (i), (ii), (iii) and (iv):

(i) a halogen-containing titanium compound;

(ii) an alkoxy-containing magnesium compound obtained by reacting metal magnesium, an alcohol and a halogen and/or a halogen-containing compound containing at least  
 10 0.0001 gram atom of halogen atoms per mol of the metal magnesium;

(iii) a halogen-containing silicon compound; and

(iv) an electron-donating compound represented by the following general formula (I):



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wherein  $\text{R}^1$  represents a linear or branched alkyl group having 1 or more carbon atoms; and  $\text{R}^2$  and  $\text{R}^3$  independently represent a linear or branched  $\text{C}_{1-20}$  alkyl group.